

# INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/004550

A. CLASSIFICATION OF SUBJECT MATTER	IPC 7 A61L27/46 A61L27/28 A61L24/00 A61C8/00
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61L A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, CHEM ABS Data, WPI Data, PAJ, EMBASE, BIOSIS, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 198844 Derwent Publications Ltd., London, GB; Class D22, AN 1988-311471 XP002314316 & JP 63 229058 A (OSHIMA Y) 22 September 1988 (1988-09-22) abstract ----- US 5 071 436 A (ALLARD ROLAND ET AL) 10 December 1991 (1991-12-10) examples 1,2 claims ----- -/-	40, 43-49, 56,57
X		45,48, 56,57

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

20 January 2005

Date of mailing of the International search report

07/02/2005

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tional Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SERRE C M ET AL: "Influence of magnesium substitution on a collagen-apatite biomaterial on the production of a calcifying matrix by human osteoblasts." JOURNAL OF BIOMEDICAL MATERIALS RESEARCH. 15 DEC 1998, vol. 42, no. 4, 15 December 1998 (1998-12-15), pages 626-633, XP002314315 ISSN: 0021-9304 page 627, left-hand column, line 39 – right-hand column, line 5	45, 48, 56, 57
X	HEMMERLE J ET AL: "Long-term behaviour of a hydroxyapatite/collagen-glycosaminoglycan biomaterial used for oral surgery: a case report" J MATER SCI MATER MED; JOURNAL OF MATERIALS SCIENCE: MATERIALS IN MEDICINE JUN 1995 CHAPMAN & HALL LTD, LONDON, ENGL, vol. 6, no. 6, June 1995 (1995-06), pages 360-366, XP009042820 page 361, left-hand column, line 7 – line 23	45, 48, 56, 57
X	BAKOS D ET AL: "Hydroxyapatite-collagen-hyaluronic acid composite" BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 20, no. 2, January 1999 (1999-01), pages 191-195, XP004168893 ISSN: 0142-9612 page 192, left-hand column, line 23 – line 34	45, 48, 56, 57
X	US 5 320 844 A (LIU SUNG-TSUEN) 14 June 1994 (1994-06-14)	1-6, 11-15, 17-28, 38-49, 56, 57
	column 3, line 35 – column 6, line 23 examples 1,2 claims	-/-

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ROVIRA, A. ET AL: "Microstructural characterization of a calcium phosphate ESP-collagen composite"            REALISING THEIR COMMERCIAL POTENTIAL,            EUROPEAN CONFERENCE ON COMPOSITE MATERIALS, 7TH, LONDON, MAY 14-16, 1996 ,            VOLUME 2, 449-454 PUBLISHER: WOODHEAD,            CAMBRIDGE, UK. CODEN: 63TBAP, 1996,            XP009042840            page 449, line 10 – page 450, line 35            table 1</p> <p>-----</p>	40, 41, 43-49, 51, 56, 57
X	<p>EP 0 383 568 A (NORIAN CORP)            22 August 1990 (1990-08-22)            claims</p> <p>-----</p>	44, 47, 48, 57

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			AT	59970 T	15-02-1991
			CA	1275250 C	16-10-1990
			DE	3676911 D1	21-02-1991
			EP	0214070 A1	11-03-1987
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US 5320844	A	14-06-1994	NONE		
EP 0383568	A	22-08-1990	US	5034059 A	23-07-1991
			EP	0383568 A2	22-08-1990
			JP	3028197 A	06-02-1991